

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by:  
Stephanie Rhodes

**GENERAL INFORMATION**

|                            |   |
|----------------------------|---|
| Name:                      | Kentucky Department of Military Affairs<br>Kentucky Army National Guard |
| Address:                   | KYMATES<br>Bldg. 9387 Wilson Road<br>Fort Knox, KY 40121                |
| Date application received: | August 28, 2001   |
| SIC/Source description:    | 9711/National Security and International Affairs                        |
| AFS Plant ID:              | 21-093-00087  |
| Application log number:    | 54110   |
| Permit number:             | F-01-034  |

**APPLICATION TYPE/PERMIT ACTIVITY**

|  |   |
|--|---|
| <input checked="" type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit               |
| <input type="checkbox"/> Permit modification         | <input checked="" type="checkbox"/> Conditional major |
| ___ Administrative                                   | <input type="checkbox"/> Title V                      |
| ___ Minor  | <input type="checkbox"/> Synthetic minor              |
| ___ Significant                                      | <input type="checkbox"/> Construction/operating       |
| <input type="checkbox"/> Permit renewal              | <input type="checkbox"/> Operating                    |

**COMPLIANCE SUMMARY**

|  |   |
|--|---|
| <input type="checkbox"/> Source is out of compliance     | <input type="checkbox"/> Compliance schedule included |
| <input type="checkbox"/> Compliance certification signed |   |

**APPLICABLE REQUIREMENTS LIST**

|  |  |   |
|--|--|---|
| <input type="checkbox"/> NSR                   | <input type="checkbox"/> NSPS  | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD                   | <input type="checkbox"/> NESHAPS   | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b) |   |

**MISCELLANEOUS**

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application

**Description:**

The Kentucky Department of Military Affairs/Kentucky Army National Guard, located in Fort Knox, Kentucky, has submitted an application for the construction of a **blast booth** and a **paint booth**. The Kentucky Army National Guard will be painting the M-1 Abrams Tank.

Based on 8760 hours of operation per year, the Kentucky National Guard is a major source due to potential VOC emissions greater than 100 tons. However, the source has applied for a conditional major permit and has accepted an emissions cap of 50 tons per year or less of VOC's. Therefore, hours of operation and/or throughput will be limited.

**Applicable Regulations:**

401 KAR 59:010, New Process Operations, applies to particulate matter emissions from the paint booth, emission point 02.

Particulate emissions are limited to 2.34 pounds/hour and are controlled by an accordian-style paper filter.